Abstract

The measurement of gossypol in cotton seed products using conventional methods namely spectrophotmetric, NMR methods, chemiluminsecent method, gas-liquid chromatography polarography, thin layer chromatography and paper chromatography are tedious, time-consuming, high cost and needs calibrated systems. In the present invention, a low cost and portable system is devised and the concentration of total gossypol is directly displayed on LCD in mgl^{-1} or ppm from the test solution and no standard solution is required to make calibration curve for measuring the absorbance.